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/Bennett J. Berson/

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): James A. Thomson  
Timothy J. Kamp  
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Date: June 30, 2008

Serial No.: 10/627,245

Group Art Unit: 1636

Filed: 07/25/2003

Examiner: Daniel M. Sullivan

Title: FUNCTIONAL CARDIOMYOCYTES  
FROM HUMAN EMBRYONIC STEM CELLS

File No.: 960296.99179

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RESPONSE

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Commissioner for Patents  
P O Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to a non-final Office Action mailed December 31, 2007, in the file of the above-identified application, please amend the application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks** begin on page 7 of this paper.